angularly disposed toward the outlet 36. Also, as shown, the ratio of the length of the flow barrel or chamber 18 to the area of the inlet pipe 12 should be about .08. For example, if the area of the inlet pipe 12 is about 6.47 sq. inches, and the area of the flow barrel or chamber 18 is about 12.568 inches, the equation 12.568/6.47 results and will yield a ration of 1.9425, and when divided by the chamber length, for example, 24", the equation 1.9425/24 result, so the flow length ratio will be about .08. Also, as shown, the combined diameters of the inlet pipe 12 and the chamber 18 should not exceed about one-third the length of said chamber. As stated previously and shown, the blades 30 are preferably disposed at about a 30 degree spiral twist to direct combustion gases in a swirl-like path through said chamber toward said outlet pipe 36.—

The pages showing this amendment are presented herewith, with the changes marked in accordance with 37 CFR 1.121.

These changes should not be deemed new matter and are presented in accordance with MPEP 608.01 and sec. 2163.06, which states that ..."information contained in any one of the specification, claims or drawing of the application as filed may be added to any other part of the application without introducing new matter."